City of Corona
Department of Water and Power (DWP)

Energy Efficiency Rebate Program

High-Efficiency Air Conditioner

Why Should you Purchase a High-Efficiency Air Conditioner?

High-efficiency air conditioning units are more efficient than window or through-the-wall units. They are also out of the way, quiet, and convenient to operate.

- High-efficiency air conditioning units save money on your utility bills.
- High-efficiency air conditioning units result in fewer environmentally harmful emissions.

How Do I Get a High-Efficiency Air Conditioner?

When selecting your next air conditioner, ask your contractor for an ENERGY STAR® qualified system. With no compromise to system quality, you know that it meets strict energy-efficiency guidelines set by the US Environmental Protection Agency (EPA). Making the choice to buy an ENERGY STAR® qualified air conditioner will save you money and help to protect our environment.

ENERGY STAR's high-efficiency guidelines apply to cooling equipment with efficiency ratings of 14.5 Seasonal Energy Efficiency Ratio (SEER) and 12.0 Energy Efficiency Ratio (EER) or higher for split systems and 14.0 SEER and 11.0 EER or higher for package systems.

Ensure That Your System Components Match

There are two types of systems; package units that contain their components in a single enclosure, and split systems that have an outdoor condensing unit and an indoor coil. If you choose a split system, the condensing unit and the coil components must be matched and replaced together when a new system is installed to ensure that your new cooling equipment performs at its peak efficiency.

California's Energy Code (Title 24)

Requirements for the installation of central air conditioners shall comply with the State of California Residential Title 24 energy efficiency requirements including:

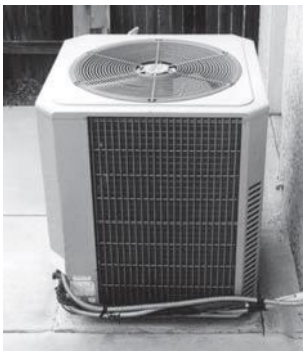
- Refrigerant Charge–Performance and efficiency of your air conditioner is greatest when the refrigerant charge is correct.
- Duct Sealing–A duct system that is properly sealed can make your home more comfortable and more energy efficient.
- Air Flow–Having the correct amount of air flow across the indoor coil is important for proper operating performance of the air conditioner and your comfort.
- Fan Watt–Keeping the total fan wattage less than 0.58 watts per cubic feet per minute (CFM) ensures that the system operates to its maximum potential.

Correct refrigerant charge, proper air flow and tight ducts are vital to the operation of your new central air conditioner. They will also increase equipment life and help reduce energy use.

Building Permit

Your contractor is required by California law to obtain a building permit for air conditioner replacements or new installations through the City of Corona's Community Development Department. The contractor and homeowner are responsible to ensure that the building permit is finalized. A finalized permit helps to ensure that you are not exposed to additional costs or liability.

Get the Right-Sized Unit



When it comes to cooling equipment, bigger isn't always better. Studies show that 1/3 to 1/2 of home air conditioners don't work the way they should because they are improperly sized. Improperly sized equipment will operate in short run times or cycles, not allowing the unit to reach efficient operation or deliver even temperatures throughout your home. A right-sized unit will provide more comfort and cost less to operate than an oversized system. Title 24 Energy Code and DWP program require sizing by an engineered load calculation method.

(More information on back)

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Minimum Efficiency Tiers for Rebates and Financing for Central Air Conditioners

Effective January 1, 2014, DWP is offering rebates to customers who install ENERGY STAR® air conditioners at the highest efficiency levels. The rebate amount is based on the minimum efficiency levels (SEER and EER) shown below.

Split System

Tier	Minimum SEER	Minimum EER	Title 24	Rebate
1	14.5	12.0	Required for all tiers: • Refrigerant Charge • Duct Sealing • Fan Watt	$500
2	15.0	12.5		$800
3*	16.0	13.0		$1,100

** Split system central A/C only. Heat Pumps not eligible for Tier 3.*

Package System

Tier	Minimum SEER	Minimum EER	Title 24	Rebate
1	14.0	11.0	Required for all tiers: • Refrigerant Charge • Duct Sealing • Fan Watt • Airflow	$500
2	14.0	12.0		$800

Program Eligibility Requirements

• Property must receive bundled electric service from the City of Corona Department of Water and Power.

Contractors

DWP does not endorse any specific contractor.

DWP is not responsible for repairs or service

Some manufacturers of heating and air conditioning equipment may offer an extended parts and labor warranty for an additional charge. Please give special attention to the contractor and manufacturer warranty prior to signing a contract. If you have questions, ask your salesperson to explain or check with the manufacturer.

Maintenance

It is important to properly operate and maintain your new equipment. Check your filter at least once a month. Be sure it is clean and fits properly so that no air bypasses it. Clogged filters can cause the equipment to malfunction and ducts to collapse. Ask your contractor for additional instructions for your particular equipment.

For More Information

For more information on high-efficiency air conditioners or other Residential Rebate Programs, call DWP at 951-736-2234 or visit www.CoronaDWP.org.

DWP – Water Resources Team

Energy Efficiency Rebate Program

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